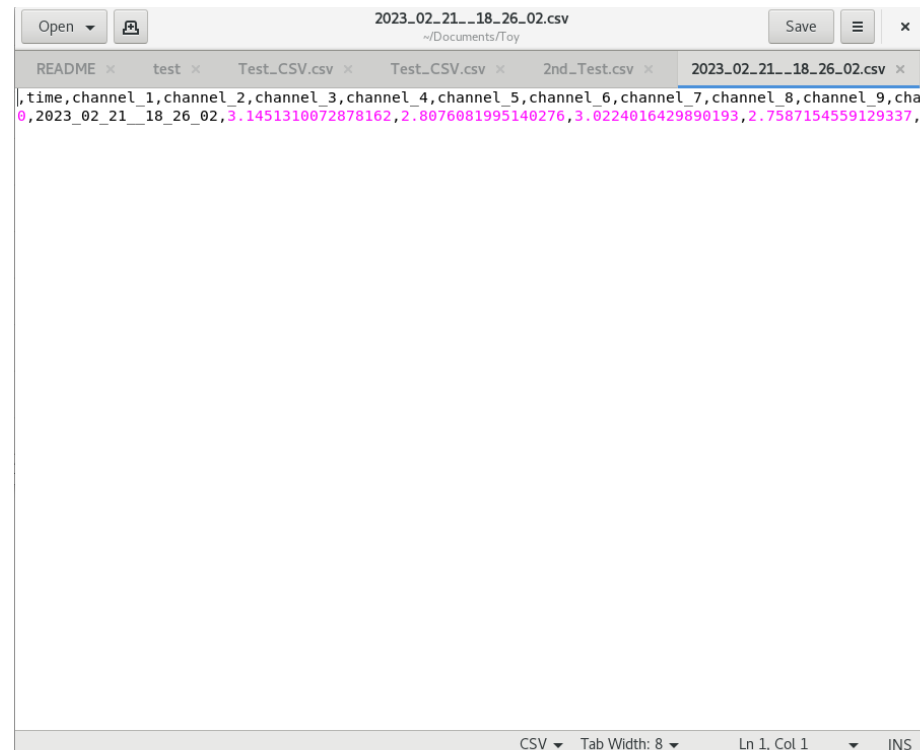


CSStudio CSV Issues

Phoebus Issues

- Originally, we were testing string/numeric CSV files produced by Noah via a Pi random generator, which took a measurement once every 5 minutes.



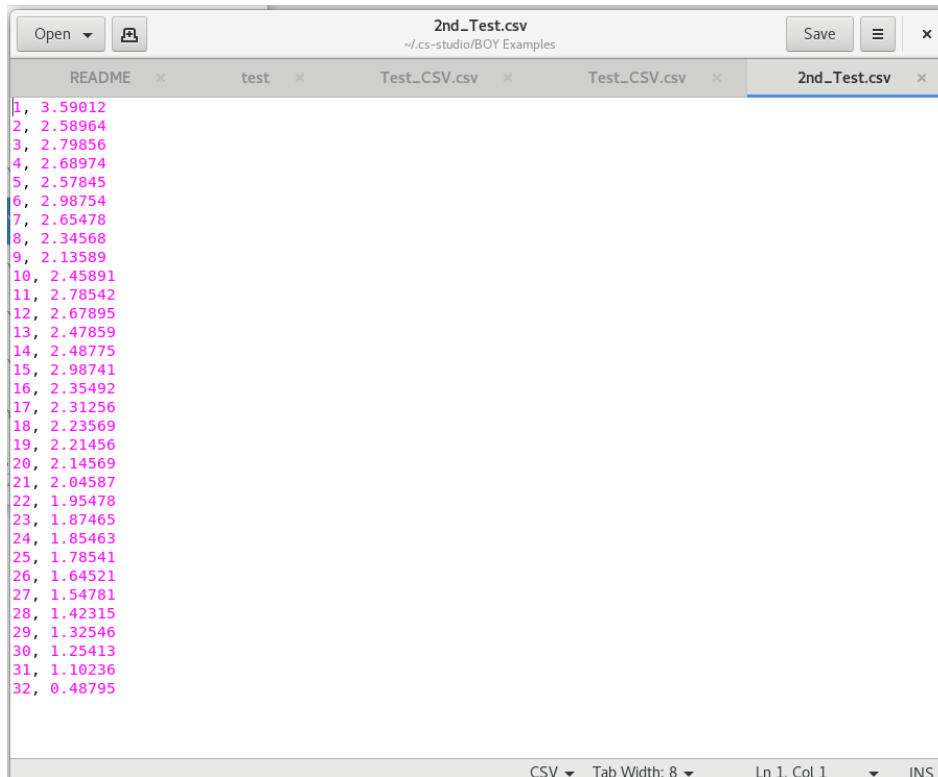
The screenshot shows a text editor window with the title bar "2023_02_21__18_26_02.csv" and a path "~/Documents/Toy". The editor contains a CSV file with the following content:

```
time,channel_1,channel_2,channel_3,channel_4,channel_5,channel_6,channel_7,channel_8,channel_9,channel_10,2023_02_21__18_26_02,3.1451310072878162,2.8076081995140276,3.0224016429890193,2.7587154559129337,.
```

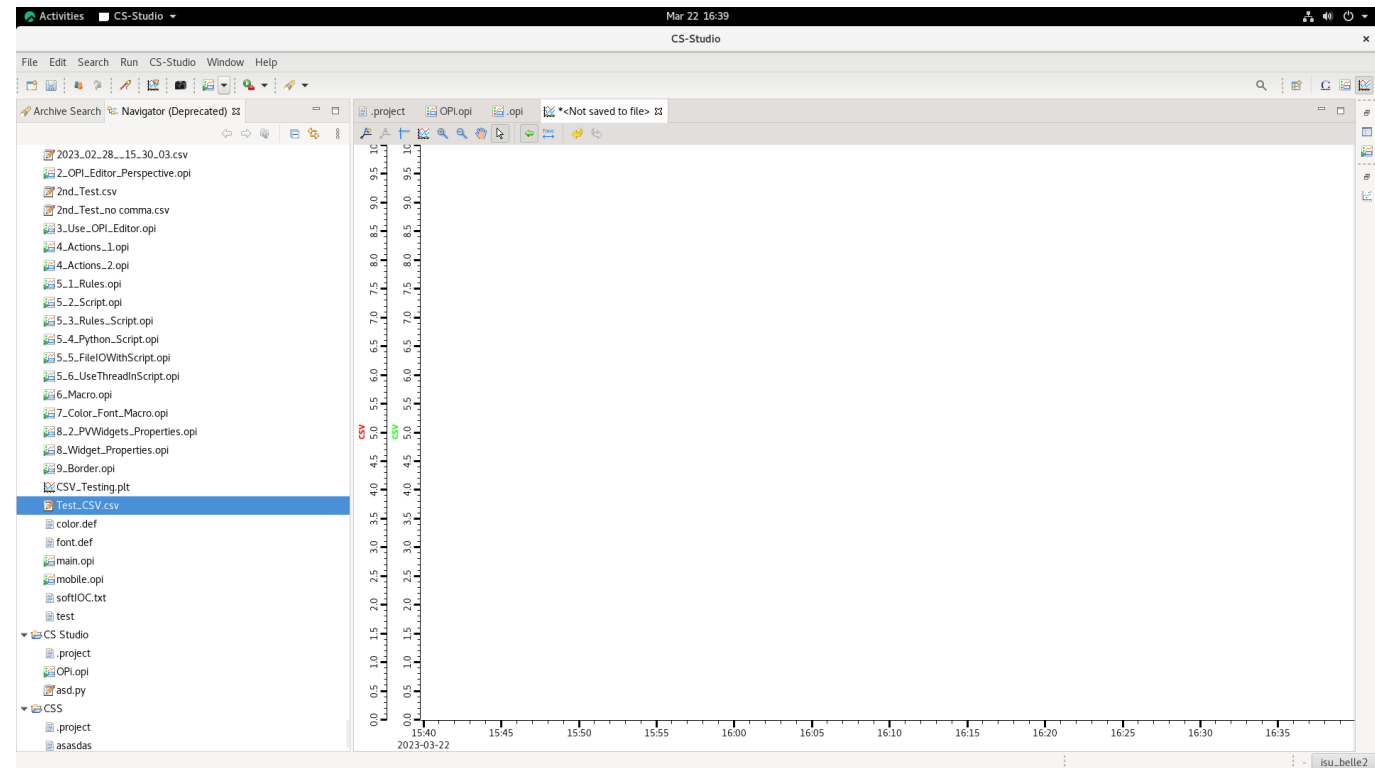
The status bar at the bottom indicates "CSV", "Tab Width: 8", "Ln 1, Col 1", and "INS".

Phoebus Issues

- CSStudio cannot read these files, so we tried reducing the complexity of the file.
- Added CSV to CSStudio via CSStudio->Data Browser->Import CSV



```
1, 3.59812
2, 2.58964
3, 2.79856
4, 2.68974
5, 2.57845
6, 2.98754
7, 2.65478
8, 2.34568
9, 2.13589
10, 2.45891
11, 2.78542
12, 2.67895
13, 2.47859
14, 2.48775
15, 2.98741
16, 2.35492
17, 2.31256
18, 2.23569
19, 2.21456
20, 2.14569
21, 2.04587
22, 1.95478
23, 1.87465
24, 1.85463
25, 1.78541
26, 1.64521
27, 1.54781
28, 1.42315
29, 1.32546
30, 1.25413
31, 1.10236
32, 0.48795
```



Phoebus Issues

- Possible issues:
- Currently using KEK version of CSStudio, which runs on Eclipse, not Phoebus.
- Possible formatting issues with CSV files.
- Could simply be wrong in approaching CSStudio.
- Potentially missing packages or incorrect installation?

Troubleshoot steps

- Contacted Swagato and Sourav detailing the issues
- Swagato introduced Seokhee who maintains confluence page about CSStudio
- Seokhee asked for an example of CSV file
- Emailed him the file with some description